

ENTRUST BUILDERS, CONTRACTORS, &c.

1-8th thick, or 3 lbs. to the foot: 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND
PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass is made of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs JAMES HANTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST

THE PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Farrow Roofs, giving a span of from 8 to 10 feet, at a price not extra owing weight for weight that of ordinary Green Glass. Not being transparent, it is for sun-screening, and when used in Greenhouses on arching roofs, its NONTRANSPARENCY and strength render it especially suitable for the Glazing of Closets, Balconies and Roofs of all kinds; also Factories, Workhouses, &c., for which purpose it is supplied in squares of all sizes, from 8 by 8 inches and upwards. For further information apply to Messrs. JAMES W. BARTLEY and Co., Glass and Sheet Metal Works, Sunderland, or to Messrs. JAMES W. BARTLEY and Co., Glass and Sheet Metal Works, 10, Abchurch Lane, London, E.C. 4.

U.S. — The Patent Hough Plate is supplied at a much lower cost than the common Hough Plate. — May 1, 1957

HARTLEY'S PATENT QUARRY GLASS

Of three thicknesses, in long lengths: an economical substitute for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at

JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.

JAMES PHILLIPS and Co. beg to inform builders and the public they supply **SUPERIOR FOREIGN SHEET GLASS** in sizes of 24, 30, 36, 42, 48, and 60 per cent. **STAINED and ORNAMENTAL GLASS** is for sale. **Hartley's Patent Rough Plate and Patent Quarry Glass**—116, Southgate Street, Withcott.

THOMAS MILLINGTON desires to inform
BUILDERS and the Trade that he can supply them with
FOREIGN and ENGLISH Plate Glass, **Paints** and **Cel**
of every **ROUGH PLATE GLASS** **from 1 inch to**
I **inch thick.** **Glass** **Panels,** **Slates** **&c.** **White Lead,** **Paints,**
Oil, **Varnishes,** **Brushes,** **&c.** **Milled and Sheet Lead,**
Lead **Pipes** **from 1 inch to 4 inches bore.** **Solder,** **Water-closets,**
and **all** **the** **various** **articles** **de** **described** **and** **speci-**
ally **the** **very** **best** **term.** **Glass** **Ornament** **Shades.** **With** **Plans,** **Pat-**
ent **and** **See** **Glasses.** **—Address,** **70, Devonport-street—** **Whit-**
by **Ad** **Advertisement.** **Saturday, June 8, 1861**

E and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, colored and for glazing, of unrivalled quality and finish: ROUGH PLATE, CRACKS, REBEL, COLOURED, and ORNAMENTAL GLASS. In every variety of lead and frame, the finest and most durable and unimpaired for ornamental windows either for houses or church decoration. All applications for estimates and lists of prices to be made at their warehouse, 511, GAFORD-STREET.

to inform my friends and the public, that I have now com-
pleted a new ENAMEL and, owing to the facility with which I can
execute orders, I am enabled to reduce my former prices consider-
ably. The prices are now from **ONE SHILLING PER FOOT UP**,
and orders from **ALPHEUS PER FOOT RM.** A large quan-
tity of the cheapest patterns always in stock. Embossing and
stamped work on the most moderate terms.—**CHARLES WONG**
No. 1, King-street, Baker-street, Portman-square.—Cash only.

M. JAMES HUFFLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of particulars, furnish Estimates for any description of Glass now manufactured.—Paints, Plaster, Floor, Crown, and Ornamental Window Glass Warehouses, 33, Sho-square, London.

TO BUILDERS, PLUMBERS, &c.
JAMES MILES'S cheap ENGLISH and
FOREIGN WINDOW GLASS WAREHOUSE, is, therefore,
 storing, throughout the year, the Eastern Glass Works at Tintern,
 of the finest quality of sheet glass, in all sizes, from 12 to 14 in.
 14 to 16 in., and per foot, good round C.C. 15, 16, per crate; water
 glass; Harbort's ROUGH PLATE; stained, ground, and -trans-
 mitted glass; cross squares of every size in stock; sheet lead
 pipe; patent pumps; sashes and plumbers' brass work of all
 kinds; white lead, oil, and colours, at low prices. LARGES
 QUANTITIES OF FOREIGN and local light and gas glass, at
 any price, or taken in exchange. Double glass and printed in all
 very low prices, in any quantity.

B W. JACKSON, of Louisville, having imported the first parcel of 36 oz. Glass in large sizes, here to submit it to the notice of Builders, &c. the owner and here being the before any other description of Sheet-Glass, 16 oz and 12 oz stained, &c as usual. Terms cash.

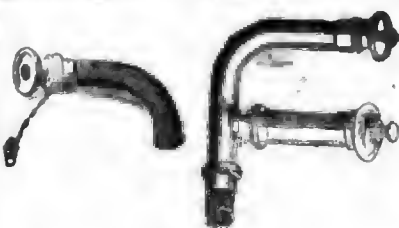
ALFRED WOODLEY has to inform the Trade that he is prepared to supply the above Glass of good quality, and is accessible to the foot, upon the following cash terms:—1st single pane, containing 200 feet (less trade) sashell etc.; panes of five more; or six panes of ten each, at 30s. per case; or cut to any given size, at 30s. per foot.

SINGE CROWN SHEET, ORNAMENTAL AND PLATE GLASS
WAREHOUSE N. SOHO SQUARE.

W. H. Goss, to small sizes for pit frames; strong fibred and Rough Plate, for conservatories, churches, railway stations, factories, &c.; Fern Troughs, Fern Shades, and the greatest variety of garden fixtures of any house in London. Patent Glass Pans, Glass Chimneys, Pillars, Siphons, Lactometers, Glass and Metal Scales, and other useful glass and metal instruments, adapted for Agriculture. For price catalogues and estimates apply to Messrs. GOSSAN and Co., Window Glass and Glass Shade Warehouse, 45, Leicester-square, London.

CONTEMPORARY Decorative Artists in Mosaic have been known to use the balance of the Nobility, Geometry, and Architectural specimens of the beautiful art of Glass Mosaic. Having studied, working and experimented with mosaic, the artist has been able to produce a wide range of decorative and structural patterns, also combined with the introduction of beautiful decorations. G. H. S. respectively selected as representative of his elegant Mosaic Tables. The mosaic is executed for sideboards, pier and console tables, chest tables and boards; or in the place of marble, etc., in internal decorations being composed entirely of stained glass, and embedded in a concrete base, and, in some cases, in a durable material, namely, A. B. M. Some of the specimens, removed from the Fine Art Court of the Great Exhibition, are now on view at the depot, 14, Strand-row, Ducking-house gate, Plymouth.

GREEN'S REGISTERED WINDGUARD.
is the cheapest and most effective article for the cure of **SMOKY CHIMNEYS** caused by the wind, and the only one that can be cleaned with the common machine in the ordinary sweeping of the chimney. Price, according to size, from 4 to 15 s. Apply to **ISAAC GREEN, 3, Victoria Road, Dulwich, S. E.** or **Green's Chimney Sweepers, London, N. R.** A month's trial allowed, if not successful, money returned!!



My means of this invention speaking paper may be rendered more generally available for Public Buildings, Club Houses, School's, Landmorth, City Warehouses, Offices, &c. &c. is means of a whistle.

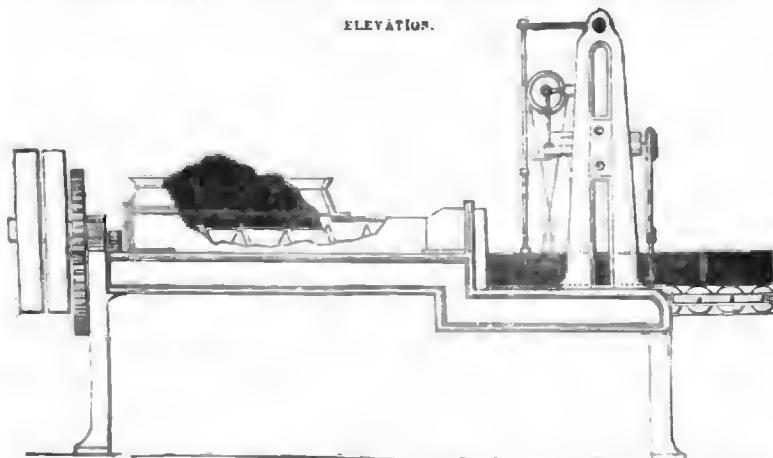
The newly registered station also embraces a pipe: as shown in the right-hand figure connected to separate the necessity of the wine into a speaking pipe when the whistle at the further end is required to be sounded.

Manufactured solely by
KEEF and COMPANY, at 41 and 43 Chestnut Street

And to be had retail of all respectable ironmongers

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ELEVATION.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without extrusion as much as the clay is supplied to the machine, and a perpetual collecting outlet, which scans the clay the required length without interfering with the movement.

The clay, in a tough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pass the clay, and also force it forward into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is observed that the stream of clay must take the form of the opening through which it issues, and this principle can be made of the form required to make bricks, clay pipes and other descriptions of ware.

When it is necessary to give the ends of the bricks a serrated shape, this can be done by attaching a knife in the cylinder of the cutter; this knife revolves with the cylinder, and it made the shape required for the ends of the bricks, which form it impart to the bricks a cutting them. This arrangement is adapted for making the **HANDELL** and **HANDELL'S** Patent Draining Bricks, for sewers purposes, which make a drain of much greater strength than the stoneware or redware pipe, and at a far less cost.

The machine is self-acting—the attendance has merely to put in the clay, and remove the bricks, or other ware, which may be produced.

If the work is done with two-horse power, the machine will produce 1,000 bricks, or 1,000 2-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The gases propel the cylinder without taking air in with it; thus the waste comes out free from the imperfections which are so often seen in the cast produced by piston pumps; and the loss is so generally incurred by waste in burning, from the expansion of the air in the waste, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the wheel can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much lessened, and, as the wheels in this machine are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great expenditure of time to the clay in its transit, use of very superior quality is employed.

For price and further particulars apply to **RANDELL and SANDERS, Inc.**

TO BRICKMAKERS AND CONTRACTORS

HART PATENT PORTABLE BRICK-MACHINE—JAMES HART requests attention to the above Machine, equally fitted to improve the performance of the largest contracts, and for the use of the small contractor. The Machine is made of plastic clay, and is of a simple construction, and is easily and cheaply repaired. It variably turns out a first-rate article, and is the only Machine of the kind at the Atlas Works, Borough Road, Southwark. Orders for the complete machine should be to JAMES HART'S PATENT MACHINE WORKS AND TILE MACHINE, the simplest and strongest that can be made, to be used at work at the same place, solid and hollow bricks, pipes, and all descriptions of "ornamental tiles and the work in front of 6-inch pipes by one man, and the work for the inside of the above and other Machines. Apply with references to JAMES HART, Atlas Works, Borough Road, London.

A during Repair. SCAFFOLD CORD and every description of ROPE, used by Builders upon the lowest terms. Marquess and temporary Awnings on sale or hire. Orders per post receive the most prompt attention. — WILLIAM PROCTOR, 112, Fore-street, City, Manufacturer, by appointment, to her Majesty's Honourable Board of Ordnance.

Extremely for the use of painters and builders of the most famous brand, warranted. Price list sent post-free on application to the manufacturer, J. E. TYLOR, 20, Great Dover Street, Borough, London. No brushes are genuine unless stamped "J. E. TYLOR, London."

11. THERMO METALLIC TILES, PIPES, &c

UNPUBLISHED TRADE LISTS, containing much information useful for reference; also uncollected testimonials respecting a New System, where the same is brought in, probably superior to every other for draining, and judiciously adapted to the various sorts of roots, for plants or choicest flowers, for paving and erections of a strong and durable nature, also many other purposes, supplied gratis by THOMAS PEASE, Proprietor of Fisher's "Verticillalis," No. 5, WHARF, CITY-ROAD BASIN, LONDON, and of THE TILKNEY, TUDSTALL, STAFFORDSHIRE. The lists contain both prices by number, and approximate cost by measure. It is solicited that letters be prepaid, and made by Mail, and that the lowest possible prices be wanted. Specimens very of the GREAT EXHIBITION, Class 77, No. 125 (having been at first No. 111).

16 DRAIN PIPES.

Manufactured by CHAS. FRANCIS and SONS, NINE ELKS
The price in future will be,
10 3/4d. per bush for the 2 bush barrel.

0. 3d.	"	4	"
6. 3d.	"	8	"
12. 3d.	"	16	"
12. 3d.	"	16	"

These pipes are made under steam pressure, and hence to great hardness, and are capable of bearing nearly double the hydrostatic pressure of ordinary glazed pipes. The peroxide against rust is overcome by this impregnation. And it is well known that good earthenware, UNGLAZED, is the oldest material discovered in a perfect state in Nineveh, Babylon, Nineveh &c., &c.